

CAS/STN FILE 'HCAPLUS' ENTERED AT 08:04:28 ON 18 JUL 2008

L1 1 SEA ABB=ON PLU=ON US20070041697/PN
 L2 SEL PLU=ON L1 1- RN : 9 TERMS

FILE 'REGISTRY' ENTERED AT 08:04:40 ON 18 JUL 2008

L3 9 SEA ABB=ON PLU=ON L2
 L4 8 SEA ABB=ON PLU=ON L3 AND CYCLOHEX?
 L5 2 SEA ABB=ON PLU=ON L3 AND ACRYL?
 L6 1 SEA ABB=ON PLU=ON L3 AND METHACRYL?
 L7 2 SEA ABB=ON PLU=ON L5 OR L6
 L8 9 SEA ABB=ON PLU=ON L3 AND F/ELS
 L9 1 SEA ABB=ON PLU=ON L3 AND PERFLUOR?
 L10 2 SEA ABB=ON PLU=ON ("PERFLUOROCYCLOHEXYL ACRYLATE"/CN OR
 "PERFLUOROCYCLOHEXYL ACRYLATE POLYMER"/CN)

Search History

FILE 'STNGUIDE' ENTERED AT 08:07:06 ON 18 JUL 2008

FILE 'REGISTRY' ENTERED AT 08:08:01 ON 18 JUL 2008

L11 4393 SEA ABB=ON PLU=ON METHACRYLOYLOX? OR OXYMETHACRYLOYL?
 L12 6497 SEA ABB=ON PLU=ON ACRYLOYLOX? OR OXYACRYLOYL?
 L13 4 SEA ABB=ON PLU=ON L11 NOT L12
 L14 25 SEA ABB=ON PLU=ON OXYPROPENO?
 L15 4449 SEA ABB=ON PLU=ON (OXY OR OXO) (1A) (PROPENO? OR METHYLPROPENO?)
 L16 6907 SEA ABB=ON PLU=ON (OXY OR OXO) (1A) (ACRYLOYL? OR METHACRYLOYL?)
 L17 0 SEA ABB=ON PLU=ON L3 AND (L11 OR L12 OR L13 OR L14 OR L15 OR L16)
 L18 1 SEA ABB=ON PLU=ON "PROPENOIC ACID"/CN
 L19 66233 SEA ABB=ON PLU=ON 79-10-7/CRN
 L20 1 SEA ABB=ON PLU=ON "METHYL PROPENOATE"/CN
 L21 2 SEA ABB=ON PLU=ON L7 NOT L10

FILE 'STNGUIDE' ENTERED AT 08:23:53 ON 18 JUL 2008

FILE 'REGISTRY' ENTERED AT 08:26:37 ON 18 JUL 2008

L22 265087 SEA ABB=ON PLU=ON CYCLOHEX? AND F/ELS

FILE 'STNGUIDE' ENTERED AT 08:27:18 ON 18 JUL 2008

FILE 'REGISTRY' ENTERED AT 08:31:07 ON 18 JUL 2008

L23 10119 SEA ABB=ON PLU=ON L22 AND F>8
 L24 7656 SEA ABB=ON PLU=ON L22 AND F>9
 L25 4954 SEA ABB=ON PLU=ON L23 NOT 46.150.18/RID
 L26 4251 SEA ABB=ON PLU=ON L24 NOT 46.150.18/RID
 L27 76387 SEA ABB=ON PLU=ON L3 OR (L11 OR L12 OR L13 OR L14 OR L15 OR
 L16 OR L17 OR L18 OR L19 OR L20)
 L28 1 SEA ABB=ON PLU=ON PMMA/CN
 L29 76378 SEA ABB=ON PLU=ON (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR
 L17 OR L18 OR L19 OR L20)
 L30 70353 SEA ABB=ON PLU=ON L29 AND POLYACRYLIC?/PCT
 L31 71962 SEA ABB=ON PLU=ON L29 AND POLY
 L32 71724 SEA ABB=ON PLU=ON L29 AND POLYMER
 L33 192 SEA ABB=ON PLU=ON L29 AND MONOMER
 L34 138 SEA ABB=ON PLU=ON L29 AND RESIN
 L35 386 SEA ABB=ON PLU=ON L29 AND (DIMER OR TRIMER OR TETRAMER OR OLIGOMER)
 L36 100 SEA ABB=ON PLU=ON L23 AND L27
 L37 91 SEA ABB=ON PLU=ON L24 AND L27
 L38 3 SEA ABB=ON PLU=ON PERFLUOROCYCLOHEX? AND L27
 L39 0 SEA ABB=ON PLU=ON L38 NOT L37
 L40 0 SEA ABB=ON PLU=ON L38 NOT L36

FILE 'HCAPLUS' ENTERED AT 08:41:30 ON 18 JUL 2008

L41 2 SEA ABB=ON PLU=ON ACRYLIC POLYMERS(L) PERFLUOROCYCLOHEX?
 L42 61345 SEA ABB=ON PLU=ON POLYMERIZATION(L) RADICAL#
 L43 41652 SEA ABB=ON PLU=ON RADICAL(A) (COPOLYM? OR POLYMD? OR POLYMN?

Sweet 1 & 5

OR POLYMERIS? OR POLYMERIZA?)

L44 0 SEA ABB=ON PLU=ON L4 AND (L42 OR L43)
L45 2 SEA ABB=ON PLU=ON L36 AND (L42 OR L43)

FILE 'REGISTRY' ENTERED AT 08:44:13 ON 18 JUL 2008

L46 60 SEA ABB=ON PLU=ON PERFLUOROCYCLOHEX?

FILE 'HCAPLUS' ENTERED AT 08:45:30 ON 18 JUL 2008

L47 42 SEA ABB=ON PLU=ON (L46 OR PERFLUOROCYCLOHEX?) AND (L27 OR
?ACRYLOYL?)
L48 6 SEA ABB=ON PLU=ON (L41 OR L42 OR L43) AND L47
L49 323 SEA ABB=ON PLU=ON (L3 OR (L30 OR L31 OR L32 OR L33 OR L34 OR
L35) OR ?ACRYLOYLOX? OR ?OXYACRYLOYL? OR ?OXYMETHACRYLOYL?)
AND (L23 OR L46 OR PERFLUOROCYCLOHEX?)
L50 93 SEA ABB=ON PLU=ON L49 AND (POLYMN? OR POLYMD? OR ?POLYMERIS?
OR ?POLYMERIZ?)
L51 24 SEA ABB=ON PLU=ON L49 AND RADICAL##
L52 222 SEA ABB=ON PLU=ON L3 OR L10 OR L38 OR L41 OR L45 OR L47 OR L48 OR L50 OR L51
L53 124 SEA ABB=ON PLU=ON L52 AND 1990-2003/PY, PRY
L54 67 SEA ABB=ON PLU=ON L52 AND 1970-1989/PY, PRY
L55 92 SEA ABB=ON PLU=ON L52 AND 2004-2008/PY
L56 130 SEA ABB=ON PLU=ON L52 NOT L55
L57 163 SEA ABB=ON PLU=ON L53 OR L54 OR L56
L58 162 SEA ABB=ON PLU=ON L57 NOT L1
L59 26 SEA ABB=ON PLU=ON L58 AND RADICAL##
L60 7 SEA ABB=ON PLU=ON L58 AND ?POLYMERIS?
L61 90 SEA ABB=ON PLU=ON L58 AND ?POLYMERIZ?
L62 100 SEA ABB=ON PLU=ON (L59 OR L60 OR L61)
L63 102 SEA ABB=ON PLU=ON (L3 OR L10 OR L7 OR L38 OR L37 OR L36 OR L48) AND L58
L64 152 SEA ABB=ON PLU=ON L62 OR L63

FILE 'LCA' ENTERED AT 08:56:41 ON 18 JUL 2008

L65 390 SEA ABB=ON PLU=ON OPTICAL INSTRUMENT OR OPTICAL WAVEGUIDE OR LENS OR GRATING
OR OPTICAL(2A) (COMPONENT OR DEVICE OR EQUIPMENT) OR ?MIRROR? OR ?REFLECTOR? OR SPECULUM OR
SPECULA OR SPECULAR

FILE 'STNGUIDE' ENTERED AT 08:58:55 ON 18 JUL 2008

FILE 'LCA' ENTERED AT 09:02:15 ON 18 JUL 2008

L66 116 SEA ABB=ON PLU=ON OPTIC#####(3A) (COAT##### OR LAYER##### OR FILM#####)
L67 551 SEA ABB=ON PLU=ON EYEGLASS OR SAFETY GLASS OR WINDOW OR SPECTACLE OR EYEWEAR
OR EYE OR LIGHTING OR LAMP OR OLED OR LEDS OR LIGHT EMITTING OR LIGHT SOURCE

FILE 'HCAPLUS' ENTERED AT 09:03:03 ON 18 JUL 2008

L68 SEL PLU=ON L1 1- IPC IC ECLA NCL FTERM : 37 TERMS
L69 104327 SEA ABB=ON PLU=ON L68
L70 43 SEA ABB=ON PLU=ON L58 AND (L66 OR L67 OR L69)
L71 14 SEA ABB=ON PLU=ON L64 AND RADICAL## AND (POLYMN OR POLYMD OR POLYMERI?)
L72 17 SEA ABB=ON PLU=ON L64 AND ?CURE?
L73 9 SEA ABB=ON PLU=ON L64 AND ?CURING?
L74 12 SEA ABB=ON PLU=ON L64 AND ?CURAB?
L75 0 SEA ABB=ON PLU=ON L64 AND ?CUREAB?
L76 21 SEA ABB=ON PLU=ON L64 AND ?CROSSLINK?
L77 0 SEA ABB=ON PLU=ON L64 AND ?CROSS LINK#####
L78 21 SEA ABB=ON PLU=ON L64 AND PERFLUOROCYCLOHEX?
L79 13 SEA ABB=ON PLU=ON L64 AND ?ACRYLOYLOX?
L80 85 SEA ABB=ON PLU=ON (L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR
L78 OR L79)
L81 3 SEA ABB=ON PLU=ON L80 AND HEAT RESISTANT
L82 2 SEA ABB=ON PLU=ON L80 AND HEAT RESISTANCE
L83 61 SEA ABB=ON PLU=ON L80 AND L26
L84 20 SEA ABB=ON PLU=ON L80 AND OPTICAL##

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L85 85 SEA ABB=ON PLU=ON (L80 OR L81 OR L82 OR L83 OR L84)
 L86 17 SEA ABB=ON PLU=ON L85 AND L3
 L87 85 SEA ABB=ON PLU=ON L57 AND L85
 L88 25 SEA ABB=ON PLU=ON L87 AND 2000-2003/PY
 L89 47 SEA ABB=ON PLU=ON L87 AND 1990-1999/PY
 L90 27 SEA ABB=ON PLU=ON L87 AND 1960-1989/PY
 L91 0 SEA ABB=ON PLU=ON L87 AND 1950-1959/PY
 L92 73 SEA ABB=ON PLU=ON (L88 OR L89 OR L90 OR L91)
 L93 10 SEA ABB=ON PLU=ON L92 AND L42

FILE 'STNGUIDE' ENTERED AT 09:09:51 ON 18 JUL 2008

FILE 'HCAPLUS' ENTERED AT 09:11:19 ON 18 JUL 2008

L94 23 SEA ABB=ON PLU=ON L46 AND L92
 L95 20 SEA ABB=ON PLU=ON L94 NOT L93
 L96 50 SEA ABB=ON PLU=ON L26 AND L92
 L97 18 SEA ABB=ON PLU=ON L96 AND ?PERFLUOROCYCLOHEX?
 L98 6 SEA ABB=ON PLU=ON L96 AND ?ACRYLOYLOX?
 L99 27 SEA ABB=ON PLU=ON L97 OR L98 OR L95
 L100 25 SEA ABB=ON PLU=ON L99 NOT L93

FILE 'STNGUIDE' ENTERED AT 09:14:26 ON 18 JUL 2008

FILE 'REGISTRY' ENTERED AT 09:15:59 ON 18 JUL 2008

L101 4259 SEA ABB=ON PLU=ON L46 OR L26
 L102 4257 SEA ABB=ON PLU=ON L101 NOT 46.150.18/RID

FILE 'HCAPLUS' ENTERED AT 09:17:51 ON 18 JUL 2008

L103 5 SEA ABB=ON PLU=ON L102(L)RADICAL## AND L102(L)(POLYMN OR
 POLYMD OR POLYMERIZ? OR POLYMERIS? OR COPOLY? OR HOMOPOLY? OR
 MONOMER? OR COMONOMER? OR RESIN)
 L104 4 SEA ABB=ON PLU=ON L103 NOT (L100 OR L93 OR L1)

FILE STNG

FILE 'HCAPLUS' ENTERED AT 09:53:33 ON 18 JUL 2008

L105 12 L87 NOT L92
 L106 2 L105 AND RADICAL##
 L107 0 L106 AND ?PERFLUOROCYCLOHEX?
 L108 1 L106 AND ?ACRYLOYLOX?
 L109 2 (L106 OR L107 OR L108)
 L110 SEL L58 1- PRN : 222 TERMS

FILE 'STNGUIDE' ENTERED AT 09:55:27 ON 18 JUL 2008

FILE 'WPIX' ENTERED AT 09:56:08 ON 18 JUL 2008

FILE 'JAPIO' ENTERED AT 09:56:08 ON 18 JUL 2008

FILE 'KOREAPAT' ENTERED AT 09:56:08 ON 18 JUL 2008

FILE 'EPFULL' ENTERED AT 09:56:08 ON 18 JUL 2008

FILE 'PCTFULL' ENTERED AT 09:56:08 ON 18 JUL 2008

L111 L110
 L112 1 L111 AND ?PERFLUOROCYCLOHEX? (9A) ?ACRYLOYLOX?

FILE 'STNGUIDE' ENTERED

FILE 'HCAPLUS' ENTERED AT 10:47:49 ON 18 JUL 2008

L113 55949 SEA ABB=ON PLU=ON RADICAL##(2A) (POLYMN OR POLYMD OR ?POLYMERI
 ?)
 L114 253 SEA ABB=ON PLU=ON (L26 OR L46) AND L27
 L115 324 SEA ABB=ON PLU=ON ?ACRYLOYLOX? (4A) RADICAL##
 L116 0 SEA ABB=ON PLU=ON L114 AND L115

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L117 0 SEA ABB=ON PLU=ON L115 AND ?PERFLUOROCYCLOHEX?
 L118 35 SEA ABB=ON PLU=ON L114 AND ?ACRYLOYLOX?
 L119 24 SEA ABB=ON PLU=ON L114 AND ?PERFLUOROCYCLOHEX?
 L120 9 SEA ABB=ON PLU=ON L113 AND L114
 L121 63 SEA ABB=ON PLU=ON (L118 OR L119 OR L120)
 L122 48 SEA ABB=ON PLU=ON L121 NOT L100
 L123 47 SEA ABB=ON PLU=ON L122 NOT L1
 L124 42 SEA ABB=ON PLU=ON L123 NOT L93
 L125 16 SEA ABB=ON PLU=ON L124 AND 2000-2004/PY
 L126 16 SEA ABB=ON PLU=ON L124 AND 2000-2004/PRY
 L127 9 SEA ABB=ON PLU=ON L124 AND 1990-1999/PY, PRY
 L128 2 SEA ABB=ON PLU=ON L124 AND 1950-1989/PRY, PY
 L129 25 SEA ABB=ON PLU=ON (L125 OR L126 OR L127 OR L128)
 L130 0 SEA ABB=ON PLU=ON L129 AND PLASMA
 L131 4 SEA ABB=ON PLU=ON L129 AND RADICAL##
 L132 0 SEA ABB=ON PLU=ON L129 AND ADDITION
 L133 8 SEA ABB=ON PLU=ON L129 AND ?POLYMERIZ?
 L134 0 SEA ABB=ON PLU=ON L129 AND ?POLYMERIS?
 L135 4 SEA ABB=ON PLU=ON L129 AND ?POLYMN?
 L136 1 SEA ABB=ON PLU=ON L129 AND ?POLYMD?
 L137 8 SEA ABB=ON PLU=ON (L131 OR L132 OR L133 OR L134 OR L135 OR L136)

FILE 'STNGUIDE' ENTERED AT 10:54:34 ON 18 JUL 2008

FILE 'HCAPLUS' ENTERED AT 10:56:02 ON 18 JUL 2008

L138 9 SEA ABB=ON PLU=ON L113 AND L46

FILE 'REGISTRY' ENTERED AT 10:56:34 ON 18 JUL 2008

L139 2026 SEA ABB=ON PLU=ON L24 AND (UNDECAFL? OR DECAFL?)

FILE 'HCAPLUS' ENTERED AT 10:57:01 ON 18 JUL 2008

L140 25 SEA ABB=ON PLU=ON L113 AND L139
 L141 8 SEA ABB=ON PLU=ON L113 AND ?PERFLUOROCYCLOHEX?
 L142 27 SEA ABB=ON PLU=ON L138 OR L140 OR L141
 L143 27 SEA ABB=ON PLU=ON L142 NOT L137
 L144 24 SEA ABB=ON PLU=ON L143 NOT (L1 OR L93 OR L100)
 L145 13433 SEA ABB=ON PLU=ON PLASMA(2A)?POLYM?
 L146 35 SEA ABB=ON PLU=ON L145 AND (L46 OR L139 OR ?PERFLUOROCYCLOHEX?)
 L147 34 SEA ABB=ON PLU=ON L146 NOT (L1 OR L93 OR L100)
 L148 57 SEA ABB=ON PLU=ON L144 OR L147
 L149 8 SEA ABB=ON PLU=ON L148 AND ?PROOPEN?
 L150 10 SEA ABB=ON PLU=ON L148 AND ?ACRYL?
 L151 14 SEA ABB=ON PLU=ON L149 OR L150

FILE 'STNGUIDE' ENTERED AT 11:01:23 ON 18 JUL 2008

FILE 'REGISTRY' ENTERED AT 11:41:32 ON 18 JUL 2008

L152 1 SEA ABB=ON PLU=ON METHACRYLATE/CN
 L153 11 SEA ABB=ON PLU=ON L3 OR L10

FILE 'HCAPLUS' ENTERED AT 11:43:26 ON 18 JUL 2008

L154 44 SEA ABB=ON PLU=ON L153 AND 1990-2003/PY
 L155 34 SEA ABB=ON PLU=ON L153 AND 1960-1989/PY
 L156 13 SEA ABB=ON PLU=ON (L154 OR L155) AND L46
 L157 6 SEA ABB=ON PLU=ON (L154 OR L155) AND ?PERFLUOROCYCLOHEX?
 L158 4 SEA ABB=ON PLU=ON (L154 OR L155), AND ?ACRYLOYLOX?
 L159 66 SEA ABB=ON PLU=ON (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR
 L17 OR L18 OR L19 OR L20 OR L21) AND (L154 OR L155)
 L160 15 SEA ABB=ON PLU=ON (L156 OR L157 OR L158)
 L161 11 SEA ABB=ON PLU=ON L159 AND L160
 L162 0 SEA ABB=ON PLU=ON (RADICAL## OR PLASMA OR ATOM OR ATOMIC) AND L160
 L163 15 SEA ABB=ON PLU=ON L160 OR L161

4085

7/18/08 10/578,238

CAS|STN
Search History

FILE 'STNGUIDE' ENTERED AT 11:47:06 ON 18 JUL 2008

FILE 'HCAPLUS' ENTERED AT 12:06:40 ON 18 JUL 2008

E WO9518785/PN

L164 1 SEA ABB=ON PLU=ON WO9518785/PN
E WO9309074/PN
E WO9303074/PN
L165 1 SEA ABB=ON PLU=ON WO9303074/PN
E JP01157932/PN
L166 1 SEA ABB=ON PLU=ON JP01157932/PN
L167 3 SEA ABB=ON PLU=ON (L164 OR L165 OR L166)
L168 SEL PLU=ON L167 1- RN : 55 TERMS

FILE 'REGISTRY' ENTERED AT 12:08:25 ON 18 JUL 2008

L169 55 SEA ABB=ON PLU=ON L168
L170 0 SEA ABB=ON PLU=ON L169 AND ACRYLOYLOK?

FILE 'REGISTRY' ENTERED AT 12:08:33 ON 18 JUL 2008

L171 55 SEA ABB=ON PLU=ON L168
L172 4 SEA ABB=ON PLU=ON L171 AND PERFLUOR?
L173 55 SEA ABB=ON PLU=ON L168
L174 1 SEA ABB=ON PLU=ON L173 AND ACRYLOYL?
L175 55 SEA ABB=ON PLU=ON L168
L176 3 SEA ABB=ON PLU=ON L175 AND ACRYL?
L177 6 SEA ABB=ON PLU=ON L172 OR L174 OR L176

FILE 'HCAPLUS' ENTERED AT 12:09:28 ON 18 JUL 2008

L178 3 SEA ABB=ON PLU=ON L167 AND L177
L179 0 SEA ABB=ON PLU=ON L167 AND (ATOM## OR LIVING OR PLASMA OR
RADICAL##)
D L178 BIB AB IT HITSTR TOT

Sheet
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